

Converting Colors

HunterLab(49.5591, 21.1623,
24.8157)

Have a look what the booklet for
HunterLab(49.5591, 21.1623,
24.8157) contains.

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Color

**HunterLab(49.6184, 21.0687,
24.7846)**

Conversions

Conversions Part 1

Format	Color
Hex	C47442
RGB	196, 116, 66
RGB Percent	77%, 45%, 26%
CMY	0.2314, 0.5451, 0.7412
CMYK	0.00, 0.41, 0.66, 0.23
HSL	23°, 52%, 51%
HSV	23°, 66%, 77%
XYZ	29.9937, 24.6199, 8.3255
YIQ	134.2200, 63.7300, 1.4100

Conversions

Conversions Part 2

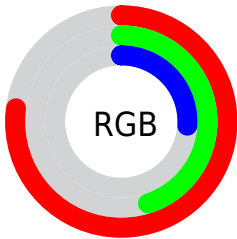
Format	Color
R _Y B	196, 147, 66
Decimal	12874818
CIE Lab	56.70, 27.03, 40.46
CIE LCh	57, 48.661, 56.257
Yxy	24.6211, 0.4765, 0.3912
Android (android.graphics.Color)	4291064898 (0xFFC47442)
YUV	134.2200, -33.6325, 54.1811
Hunter-Lab	49.6184, 21.0687, 24.7846

Details

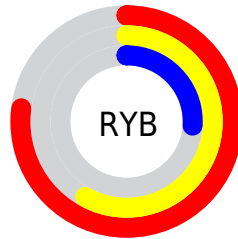
The HunterLab color **49.6184, 21.0687, 24.7846** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **50.6952, -9.5328, -30.0070**, and the grayscale version is **49.0253, -2.6159, 2.6636**.

A 20% lighter version of the original color is **71.3421, 21.7212, 30.6092**, and **30.6208, 18.8893, 18.0910** is the 20% darker color. If you saturate the color by 10%, you get **46.7179, 26.0309, 25.9099**, and if you desaturate by 10%, it is **52.7796, 16.3881, 23.0137**.

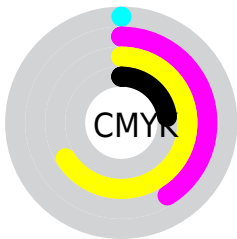
Distribution



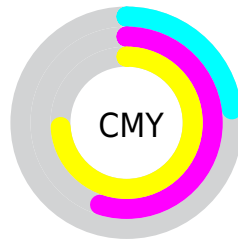
- Red (77%)
- Green (45%)
- Blue (26%)



- Red (77%)
- Yellow (58%)
- Blue (26%)



- Cyan (0%)
- Magenta (41%)
- Yellow (66%)
- Black (23%)



- Cyan (23%)
- Magenta (55%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.6184, 21.0687, 24.7846 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 49.6184, 21.0687, 24.7846 by changing the saturation by 10% instead.

■ 49.6184, 21.0687,
24.7846

■ 49.6184, 21.0687,
24.7846

166.1162, 24.9862,
49.0751

■ 39.7429, 20.1975,
21.5343

■ 71.4436, 22.4829,
30.7974

■ 30.6255, 19.2050,
18.0632

■ 83.3099, 23.0534,
33.6203

■ 22.3368, 18.0731,
14.6004

■ 95.7689, 23.5432,
36.3506

■ 14.9700, 16.7906,
10.4790

■ 108.7936, 23.9590,
39.0044

■ 8.6152, 15.6150,
6.0306

■ 122.3604, 24.3066,
41.5945

0.0000, INF, NaN

0.0000, NaN, NaN

136.4486, 24.5910,

44.1309

0.0000, NaN, NaN

151.0394, 24.8163,
46.6222

0.0000, NaN, NaN

■ 49.6184, 21.0687,
24.7846

■ 49.6184, 21.0687,
24.7846

■ 46.7179, 26.0309,
25.9099

■ 52.7796, 16.3881,
23.0137

■ 44.1000, 31.2097,
26.3427

■ 56.1721, 12.0348,
20.6600

■ 41.7887, 36.4761,
26.0952

■ 59.7735, 8.0161,
17.7935

■ 41.0137, 38.3699,
25.9441

■ 63.5622, 4.3252,
14.4802

■ 67.5190, 0.9451,
10.7796

■ 71.6271, -2.1465,
6.7433

■ 75.8719, -4.9741,
2.4149

■ 80.2407, -7.5624,
-2.1687

■ 84.7226, -9.9348,
-6.9767

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



49.6197, 37.6437, 16.5322



49.6184, 21.0687, 24.7846



49.6197, -0.0639, 27.3682

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



49.6197, 21.0657, 24.7852



49.6197, -36.0318, 5.0753



49.6197, 15.9173, -43.7532

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



49.6184, 21.0687, 24.7846



50.6952, -9.5328, -30.0070

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



49.6197, -5.1847, -50.8053



49.6184, 21.0687, 24.7846



49.6197, -33.1493, -16.7986

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



49.6197, 21.0657, 24.7852



49.6197, -31.2300, 19.2756



49.6197, -22.6085, -39.4094



49.6197, 34.3502, -22.8101

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



49.6184, 21.0687, 24.7846



49.6197, -13.1579, 26.8254



49.6197, -22.6085, -39.4094



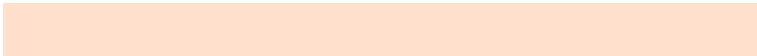
49.6197, 8.8118, -48.1163

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



49.6197, 21.0657, 24.7852



88.7274, 3.0381, 16.5530



42.0865, 53.2232, -11.5407



40.3470, 2.0085, 8.3137

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



49.6197, 21.0657, 24.7852



61.0930, 38.4450, 35.2787



67.1632, -10.5944, 36.6499



32.7092, -0.5751, 3.7193



33.1115, 30.1362, 20.9307



7.7932, 4.0619, 4.8733

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



50.6952, -9.5328, -30.0070



62.5962, -9.6094, -51.2074



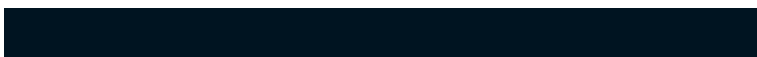
33.2470, 23.2400, -72.2390



32.7973, -2.7923, -0.2397



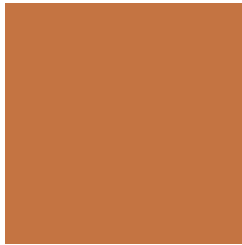
33.8484, -2.0154, -37.9570



7.9066, -1.7839, -6.0316

Previews

White Background



This preview shows how the HunterLab color 49.6184, 21.0687, 24.7846 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 49.6184, 21.0687, 24.7846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 49.6184, 21.0687, 24.7846 Background



This preview shows how black text looks on a background with the HunterLab color 49.6184, 21.0687, 24.7846.



This preview shows how white text looks on a background with the HunterLab color 49.6184, 21.0687,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

49.6184, 21.0687, 24.7846

Protanopia

49.8562, -5.8827, 23.1221

Deuteranopia

49.7586, 3.4737, 25.1184



Tritanopia

49.6004, 29.7961, 10.5973

Trichromacy



Original Color

49.6184, 21.0687, 24.7846

Protanomaly

49.3540, 3.6584, 23.5149

Deuteranomaly

49.6197, 9.7528, 24.9503

Tritanomaly

49.4924, 26.4016, 16.8180

Monochromacy



Original Color

49.6184, 21.0687, 24.7846

Achromatopsia

48.8260, -2.6052, 2.6528

Achromatomaly

48.4262, 4.6561, 12.2078

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.6184, 21.0687, 24.7846 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(196, 116, 66)` looks like.

```
.text, #text, p{  
    color:rgb(196, 116, 66)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(196, 116, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 116, 66) }
```

Border

The CSS property to change the border of an element to HunterLab 49.6184, 21.0687, 24.7846 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 116, 66) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(196, 116, 66) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(196, 116, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 116, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 116, 66);  
box-shadow:4px 4px 4px 4px rgb(196, 116,  
66) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.6184, 21.0687, 24.7846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 116, 66) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(196,  
116, 66) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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